

In Memoriam

On January 28, 1986, in the clear, blue skies over Cape Canaveral, seven lives were lost. A team of space explorers perished in the explosion of the Space Shuttle "Challenger." A statement issued by ARRL Executive Vice President David Sumner, K1ZZ, put it this way:

Ever since the Owen Garriott, W5LFL, Shuttle mission in 1983, hams (who have always been among the more ardent followers of the space program) had developed a special feeling for the Shuttle program... The flags in front of the ARRL Headquarters have been lowered to half-staff in tribute to the Shuttle crew.

Although no radio amateurs or ham radio experiments were aboard the "Challenger" on its final voyage, this spacecraft was special to the Amateur Radio Community. It was on "Challenger" that Tony England, WØORE, flew a scant six months earlier in July 1985 with Amateur Radio equipment aboard.

We share the grief felt by NASA, the astronaut corps, and the families and friends of the six astronauts and school teacher Christa McAuliffe, who were lost with the Shuttle "Challenger." Our hopes and dreams rose into the sky with them. They hold a special place in each of our hearts. May God rest their souls.

The American Radio Relay League

JOHN-DAVID • W4NYZ
GORDON • EX-WN7RQR
OWEN • W5LFL
LOUIS • W5DID
GIL • WA5NOM
JOHN • WD5EEV
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CHUCK • KO5RG
DOUG • WA5SFY
JACK • KE5TY
OTIS • NV5F
DICK • W5AVI
PAUL • WA3VJB
BILL • N2CF
AL • WB5AYF
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BILL • WA6ITF

ELLIS • W5QPT
ROY • K6DUE
BILL • W3XO
PATTY • N6BIS
ART • K8BVI
EARL • W5EZ
ROBERTO • KA8HLG
MICHAEL • AK8Y
ALAN • N8DZD
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BRUCE • WB4YUC
DAVE • KU0R
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JD • W4GNC
JOHN • WB6DON
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GSFC ARC • WA3NAN
JSC ARC • W5RRR



NASA

ARRL AMSAT

FLIGHT OF CHALLENGER STS-51 F/Spacelab-2

Launched on July 29, 1985

Landed at Edwards A.F.B. on August 6, 1985

- First multi-operator Amateur Radio Station in space
- First exchange of Television images with a manned orbiter

Transceiver: Motorola MX-340

Antenna: Custom antenna

Power: 2.5 watts

Mode: FM, CW (on audio tone by fixed carrier),

SSTV automated downlink/uplink receive only

TV Monitor: Panasonic CT-101

TV Camera: Panasonic WV-3050

Scan Converter: ROBOT 1200C

Tape Recorder: Sony BM 550

Custom Headset

Number of young people participating estimated at more than 6,000.

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WØORE FROM THE SPACE SHUTTLE "CHALLENGER"
STS MISSION 51-F/SPACELAB 2



WØORE Space Shuttle Challenger

Our objectives for SAREX were:

1. to share the spaceflight experience with the largest community possible.
2. to encourage youth's interest in science, technology, and Amateur Radio.
3. to demonstrate uplink TV has a potentially useful capability.

My personal thanks to each of you for making SAREX possible.

73,

Tony, WØORE